

August 24, 1953

Dear Bill:

Esther and I just got back from San Francisco (S.A.B.) and found your note and cultures waiting here for us. It does indeed look as if there is no correlation between the host range and the schematic antigens. Have you tried anti-phage serum to further check on these heterologous reactions?

I probably mentioned before that kunzendorf 302-50 is also susceptible to PLT-22, but I have not been able to grow the phage to a decent titer on this host, so far. On closer reading of Felix' papers, I see that PLT-22 is essentially one of the TM or PB "O" phages, and not particularly pertinent to typing. Have I not sent you PLT-22?— my memory on this is cloudy. If you do have the occasion to test 22 against miscellaneous Salmonellas, the results might be specially informative.

I am willing to agree that the serological cross-reactions of 302-50 are insignificant.

Thanks for these cultures. It will be a few weeks before the lab. is in running order, as most people are vacationing or recuperating, but I'll write you again of any results.

Sincerely,

Joshua Lederberg